**SAMSUNG DIGITall**
everyone's invited™
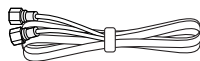
## LN-R408D
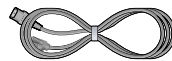# Quick Setup Guide



## List of Parts

**Accessories** | Please make sure the following items are included with your LCD TV. If any items are missing, contact your dealer.
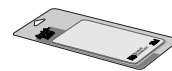
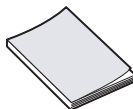Remote Control (BN59-00460A) & Batteries (AAA x 2)
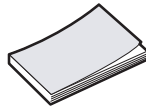
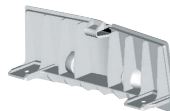RF Cable (AA39-00039A)

Power Cord (3303-000085)
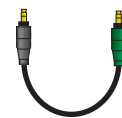
Cleaning Cloth (BN63-001798A)
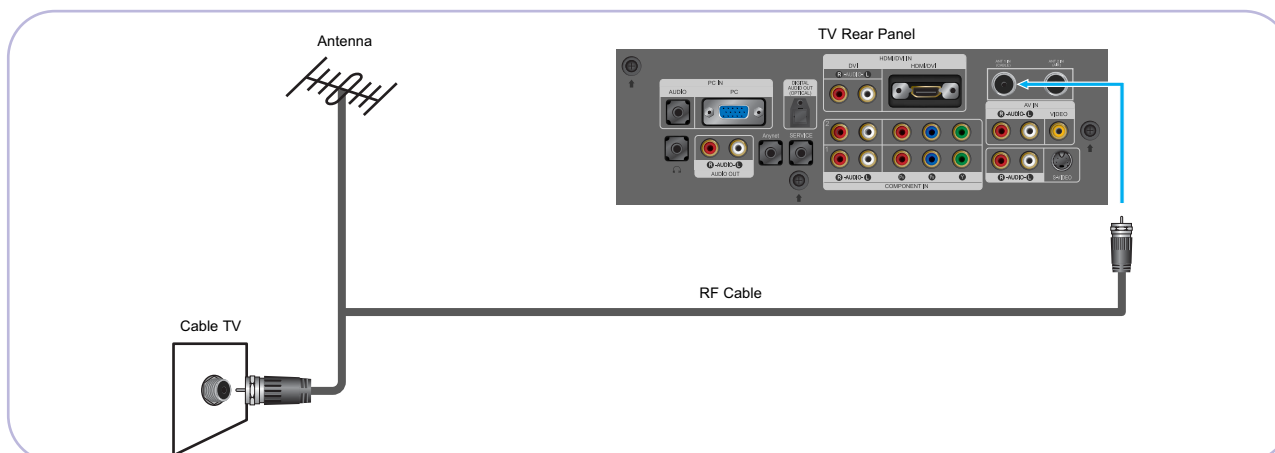
Owner's Instructions

Anynet AV Owner's Instructions

Cover-Bottom LN-R408D (BN63-01640A)

Anynet Cable (BN39-00518B)
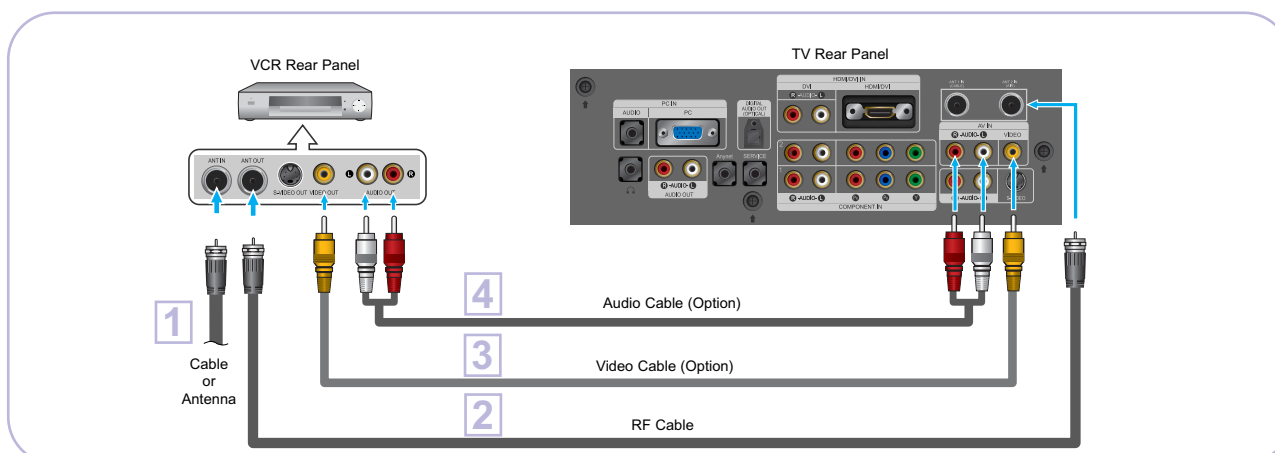
# Connecting Antenna/Cable TV

Antenna

TV Rear Panel

RF Cable

Cable TV

**1** Plug the antenna/cable TV lead into the ANT1 IN (CABLE) terminal on the bottom of the back panel.

**!** When connecting the RF cable to the antenna input terminal, keep the copper wire portion of the RF cable straight to avoid bending it.

✎ For more detailed antenna/cable TV connections, see pages 7-10 of the owner's manual.

# Connecting a VCR

VCR Rear Panel

TV Rear Panel

ANT IN   ANT OUT

S-VIDEO OUT   VIDEO OUT   AUDIO OUT

**4** Audio Cable (Option)

**1**

Cable
or
Antenna

**3** Video Cable (Option)

**2** RF Cable

**1** Connect the cable or antenna to the ANT IN terminal on the back of the VCR.

**2** Connect an RF cable between the ANT OUT terminal on the VCR and the  ANT1 IN (CABLE) or ANT 2 IN (AIR) terminal on the TV.

**3** Connect a video cable between the VIDEO OUT jack on the VCR and the AV IN [VIDEO] jack on the TV.

**4** Connect an audio cable between the AUDIO OUT jacks on the VCR and the AV IN [R-AUDIO-L] jacks on the TV.

✎ If you have a "mono" (non-stereo) VCR, use a Y-connector (not supplied) to hook up to the R-AUDIO-L jacks on the TV.

# Connecting an S-VHS VCR

VCR Rear Panel

TV Rear Panel

**4** Audio Cable (Option)
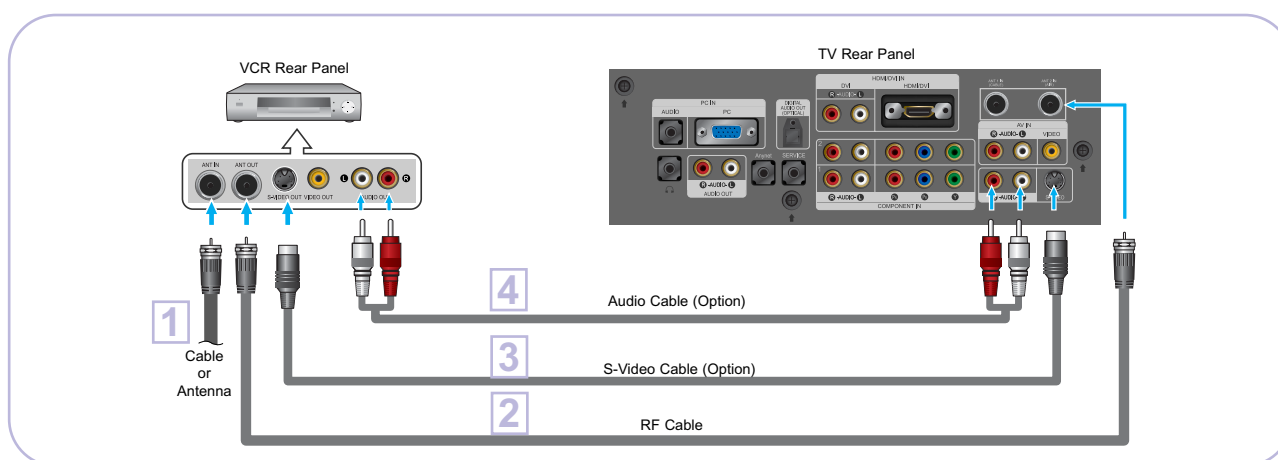
**3** S-Video Cable (Option)

**2** RF Cable

**1** Cable or Antenna

**1** Connect the cable or antenna to the ANT IN terminal on the back of the VCR.

**2** Connect an RF cable between the ANTOUT terminal on the VCR and the   ANT1 IN(CABLE) or ANT 2 IN(AIR) terminal on the TV.

**3** Connect an S-video cable between the S-VIDEO OUT jack on the VCR and the [S-VIDEO] jack on the TV.

**4** Connect an audio cable between the AUDIO OUT jacks on the  VCR and the [R-AUDIO-L] jacks on the TV.

✎ An S-Video cable is usually included with an S-VHS VCR.

# Connecting a DVD/Samsung Set-top box via DVI

DVD Player Rear Panel

TV Rear Panel

**2** Audio Cable (Option)

**1** DVI to HDMI Cable (Option)
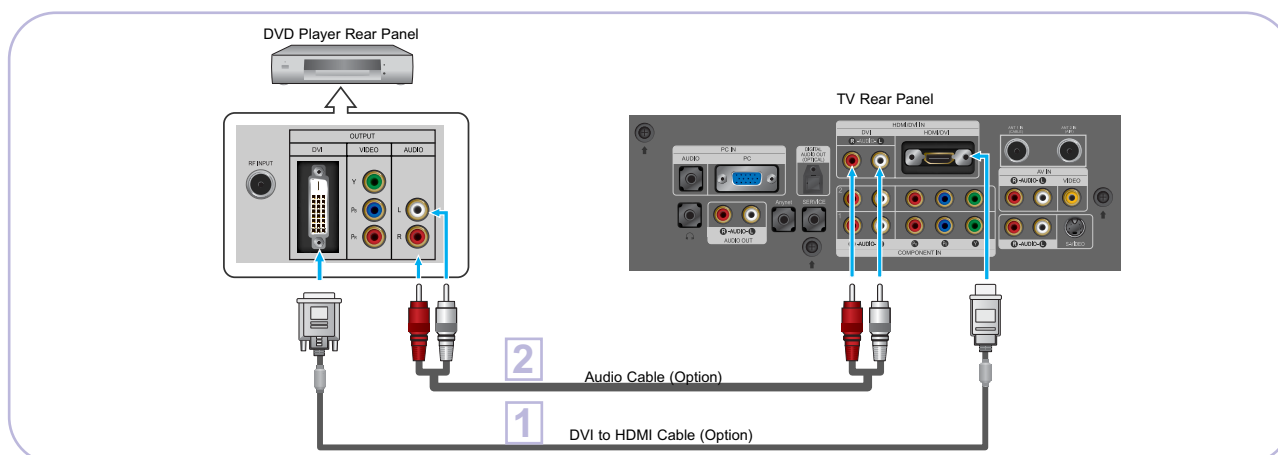
**1** Connect a DVI to HDMI cable or DVI-HDMI Adapter (DVI to HDMI) between the HDMI/DVI connector on the TV and DVI connector on the DVD player/Set-top box.

**2** Connect an audio cable between the DVI [R-AUDIO-L] jacks on the TV and the  AUDIO OUT jacks on the DVD player/Samsung Set-top box.

! DVI-D does not support PC function.

# Connecting a DVD Player

DVD Player Rear Panel

TV Rear Panel

**1** Audio Cable (Option)

**2** Component Cable (Option)
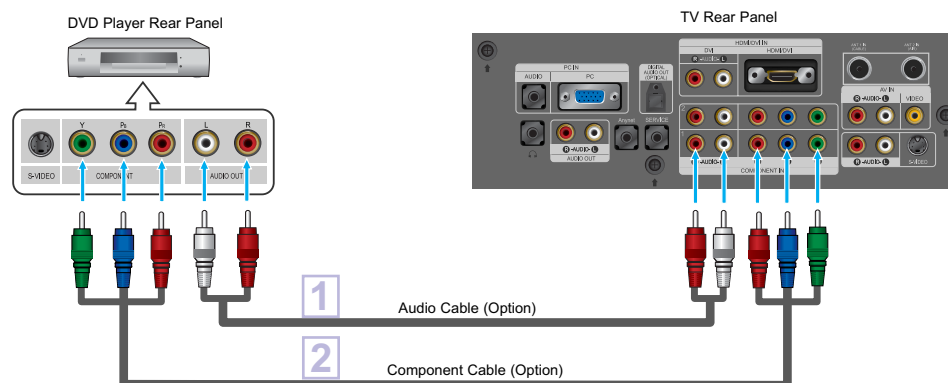
**1** Connect an audio cable between the COMPONENT IN 1 [R-AUDIO-L] jacks on the TV and the AUDIO OUT jacks on the DVD player.

**2** Connect a component video cable between the COMPONENT IN 1 or COMPONENT 1 IN [$P_R$, $P_B$, Y] jacks on the TV and the COMPONENT [Y, $P_B$, $P_R$] jacks on the DVD player.

✎ Each external input source device (DVD, STB, VCR etc.) has a different back panel configuration.

# Connecting a DVD / Set-top box via HDMI

DVD Player Rear Panel

TV Rear Panel

**1** HDMI Cable (Option)
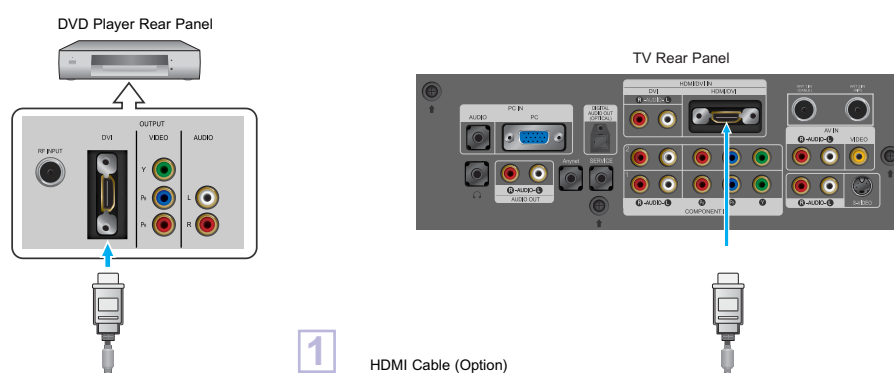
**1** Connect a HDMI cable between the HDMI/DVI connector on the TV and the HDMI connector on the DVD player/Set-top box.

✎ What is HDMI?

• HDMI, or high-defintion multimedia interface, is a next-generation interface that enables the transmission of digital audio and video signals using a single cable without compression.

• "Multimedia interface" is a more accurate name for it especially because it allows multiple channels of digital audio (5.1 channels). The difference between HDMI and DVI is that the HDMI device is smaller in size, has the HDCP (High Bandwidth Digital Copy Protection)coding feature installed, and supports multi-channel digital audio.

# Connecting a Digital Audio System

Digital Audio System

TV Rear Panel

**1** Optical Cable (Option)
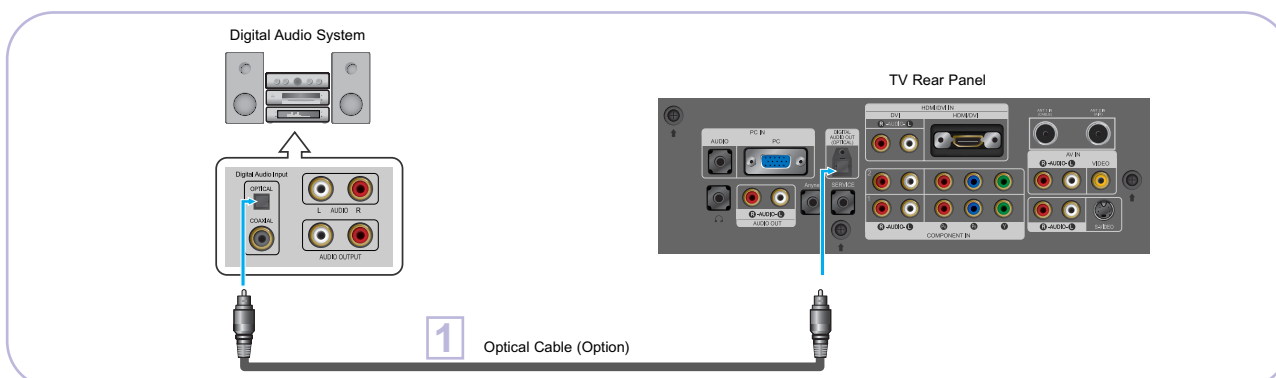
**1** Connect an audio Optical between the DIGITAL AUDIO OUT (OPTICAL) jack on the TV and the Digital Audio Input (OPTICAL) jack on the Digital Audio System.

# Connecting an Amplifier/DVD Home Theater

Amplifier/DVD Home Theater

TV Rear Panel

**1** Audio Cable (Option)
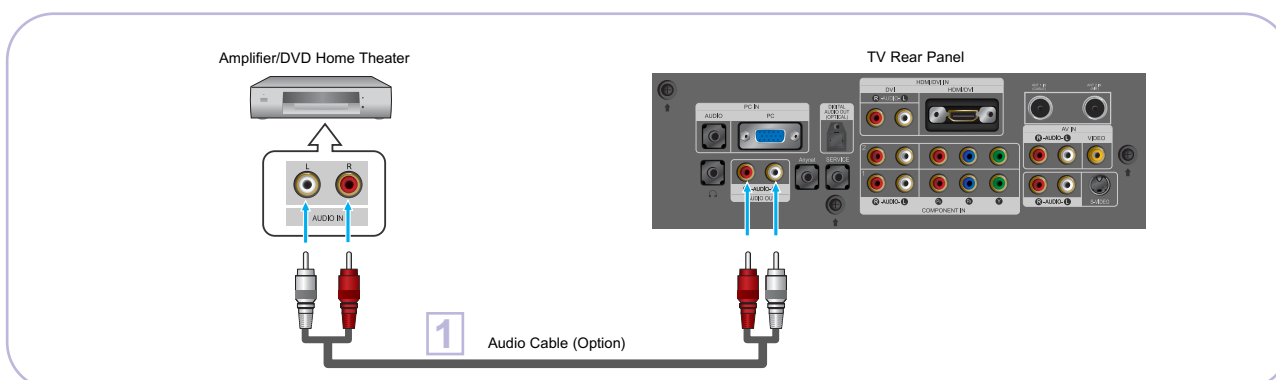
**1** Connect an audio cables between the AUDIO OUT [R-AUDIO-L] jacks on the rear of your TV and the other ends to the corresponding audio in jacks on the Amplifier or DVD Home Theater.

# Connecting a PC

PC

TV Rear Panel

**2** PC Audio Cable (Option)

**1** PC Video Cable (Option)
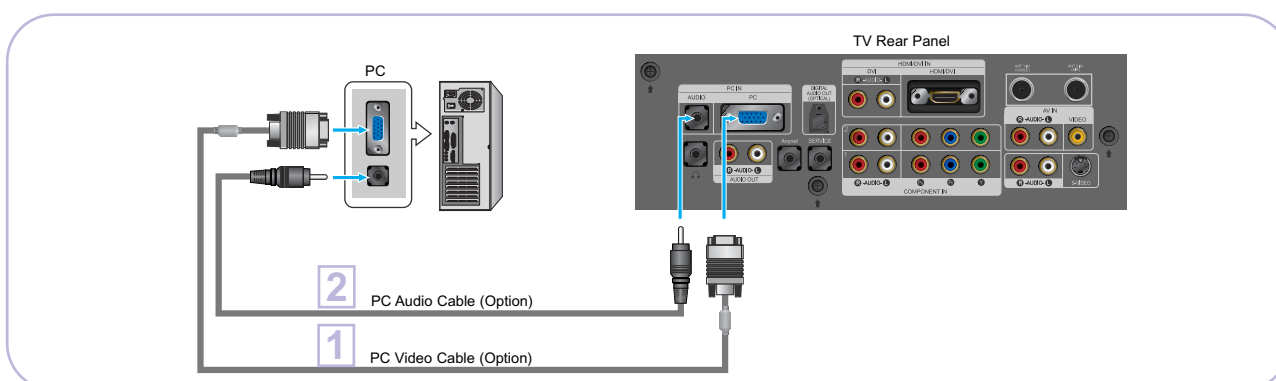
**1** Connect the D- Sub cable  to "PC" (PC IN) on the TV.

**2** Connect the stereo audio cable  to "AUDIO" (PC IN) on the TV and the other end to "Audio Out" of the  sound card on the computer.

# Plug & Play

When the TV is initially powered on, two basic customer settings proceed
automatically and subsequently: Setting Auto program, Clock.

---

POWER

Menu language, Channels
and Time will be set.

Start

## 1

Press the **POWER** button on the remote
control.

The message "Menu language, Channels and
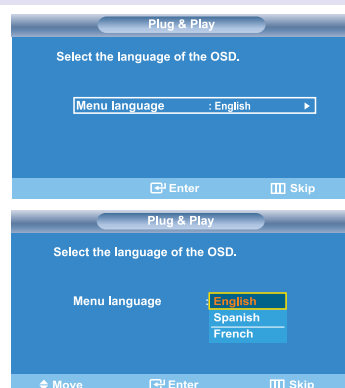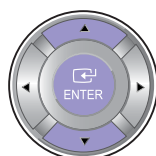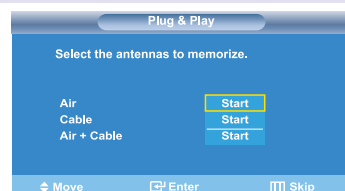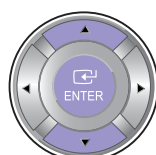Time will be set." is displayed. Press the
**ENTER** button, then "Select the language
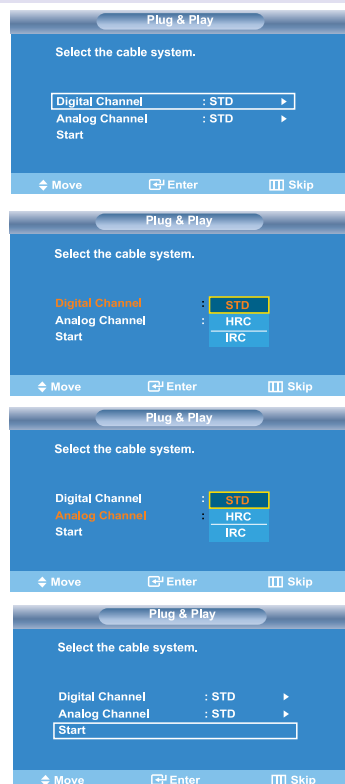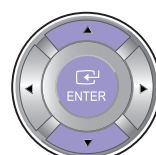of  the OSD" menu is automatically  displayed.

---

ENTER

Plug & Play

Select the language of the OSD.

Menu language        : English        ▶

Enter          Skip

Plug & Play

Select the language of the OSD.

Menu language        : English
                       Spanish
                       French

Move          Enter          Skip

## 2

Press the **ENTER** button to enter the
language.
Press the **UP/DOWN▲▼** buttons  to select
language, then the **ENTER** button.
"Select the antennas to memorize." menu is
automatically displayed.

---

ENTER

Plug & Play

Select the antennas to memorize.

Air                      Start
Cable                    Start
Air + Cable              Start

Move          Enter          Skip

## 3

Press the **UP/DOWN▲▼** buttons to
memorize the channels of the selected
connection. Press the **ENTER** button to
select "Start".

---

ENTER

Plug & Play

Select the cable system.

Digital Channel       : STD        ▶
Analog Channel        : STD        ▶
Start

Move          Enter          Skip

Plug & Play

Select the cable system.

Digital Channel       :   STD
Analog Channel        :   HRC
Start                     IRC

Move          Enter          Skip

Plug & Play

Select the cable system.

Digital Channel       :   STD
Analog Channel        :   HRC
Start                     IRC

Move          Enter          Skip

Plug & Play

Select the cable system.

Digital Channel       : STD        ▶
Analog Channel        : STD        ▶
Start

Move          Enter          Skip

## 4

Press the **UP/DOWN▲▼** buttons to select
"Digital Channel", then press the **ENTER**
button.
Press the **UP/DOWN▲▼** buttons to select
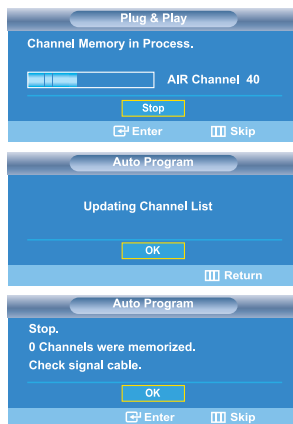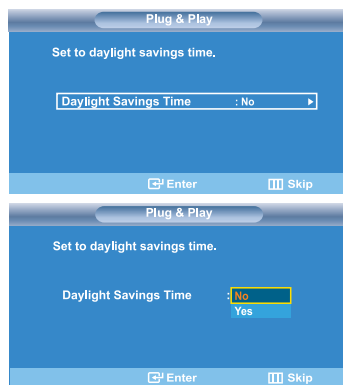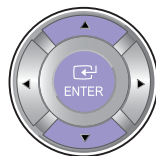"STD",  "HRC" or "IRC", press the **ENTER**
button.

Press the **UP/DOWN▲▼** buttons to select
 "Analog Channel", then press the **ENTER**
 button. Press the **UP/DOWN▲▼** buttons to
select  "STD", "HRC" or "IRC", press the
**ENTER** button.

Press the **UP/DOWN▲▼** buttons to select
"Start", then press the **ENTER** button to
memorize the channels.

**Plug & Play**

Channel Memory in Process.

AIR Channel 40

Stop

Enter        Skip

**Auto Program**

Updating Channel List

OK

Return

**Auto Program**

Stop.
0 Channels were memorized.
Check signal cable.
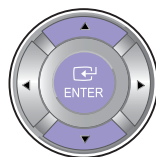
OK

Enter        Skip

## 5

The TV will begin memorizing all of the available channels. After all the available channels are stored, the Auto program menu reappears. Press the **ENTER** button when channel memorization is complete. "Set to daylight savings time." menu is auto matically displayed.

**Plug & Play**

Set to daylight savings time.

Daylight Savings Time        : No

Enter        Skip

**Plug & Play**

Set to daylight savings time.

Daylight Savings Time        : No
                              Yes

Enter        Skip

## 6

Press the **ENTER** button. Press the **UP/DOWN▲▼** buttons to select "Yes" or "No", then the **ENTER** button.
"Select your time zone in which you live" menu is automatically displayed.

**Plug & Play**

Select your time zone in which you live.

Eastern
Central
Mountain
Pacific
Alaska
Hawaii

Move        Enter        Skip

## 7

Press the **UP/DOWN▲▼** buttons to highlight the time zone for your local area (and to move the highlight to the appropriate time zone on the map of the United States). Press the **ENTER** button.If you have received a digital signal, the time will be set automatically. If not, see page 70 to set the clock.
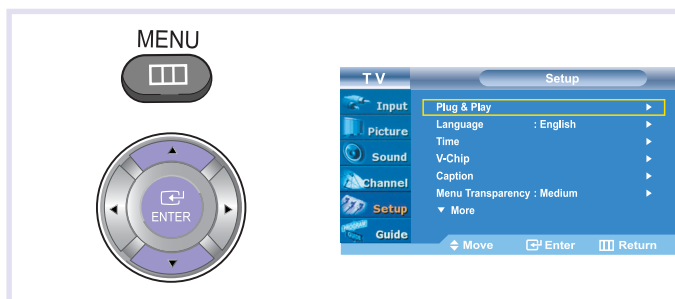
Completed. Time will
be updated automatically.

OK
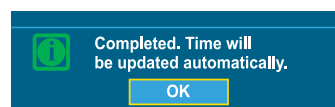
## 8

The message "Completed.
Time will be updated automatically." is displayed. When you have finished, press the **ENTER** button.

# Setting the Function Help
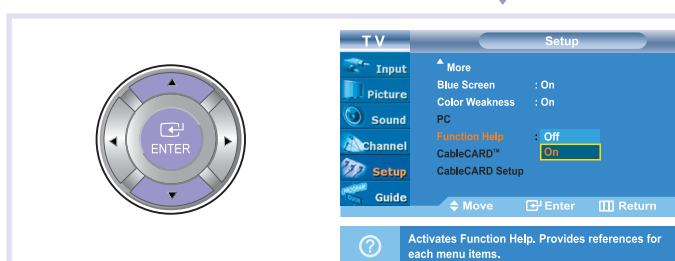
Displays help on the menu functions.

```
TV                    Setup
  Input    Plug & Play                  ▶
  Picture  Language      : English      ▶
           Time                         ▶
  Sound    V-Chip                       ▶
  Channel  Caption                      ▶
           Menu Transparency : Medium   ▶
  Setup    ▼ More
  Guide
         ✦ Move      Enter      Return
```

**MENU**

**ENTER**

**1**
Press the **MENU** ▥ button to display the menu. Press the **UP/DOWN** ▲▼ buttons to select "Setup", then press the **ENTER** ⏎ button.

```
TV                    Setup
  Input    ▲ More
           Blue Screen     : On         ▶
  Picture  Color Weakness  : On         ▶
           PC                           ▶
  Sound    Function Help   : Off        ▶
  Channel  CableCARD™                   ▶
           CableCARD Setup              ▶
  Setup
  Guide
         ✦ Move      Enter      Return
```

**ENTER**

**2**
Press the **UP/DOWN** ▲▼ buttons to select "Function Help:, then press the **ENTER** ⏎ button.

```
TV                    Setup
  Input    ▲ More
           Blue Screen     : On
  Picture  Color Weakness  : On
           PC
  Sound    Function Help   : Off
  Channel  CableCARD™           On
           CableCARD Setup
  Setup
  Guide
         ✦ Move      Enter      Return

  ？  Activates Function Help. Provides references for
      each menu items.
```

**ENTER**

**3**
Press the **UP/DOWN** ▲▼ buttons to select "On", then press the **ENTER** ⏎ button.

# To Select the Source

```
7    8    9
–    0    PRE-CH
   VOL    CH
MUTE          SOURCE


         EXIT
```
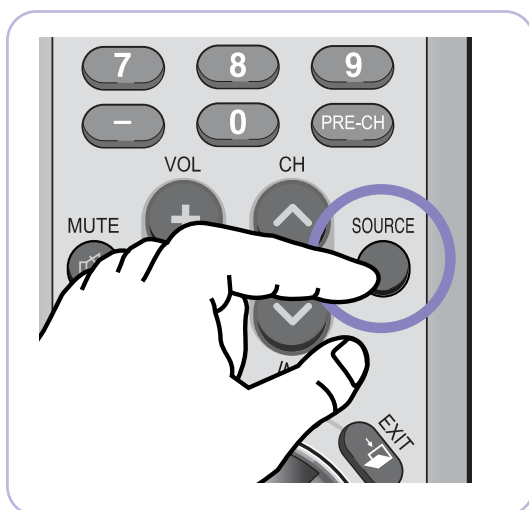
**Press the SOURCE button on the remote control**

You can select the TV mode or an input source (AV, S-Video, Component 1, Component 2, PC, HDMI) connected to the TV set. Use this button to choose an input source that you would like to watch.

| AV |
| --- |

▼

| S-Video |
| --- |

▼

| Component 1 |
| --- |

▼

| Component 2 |
| --- |

▼

| PC |
| --- |

▼

| HDMI |
| --- |
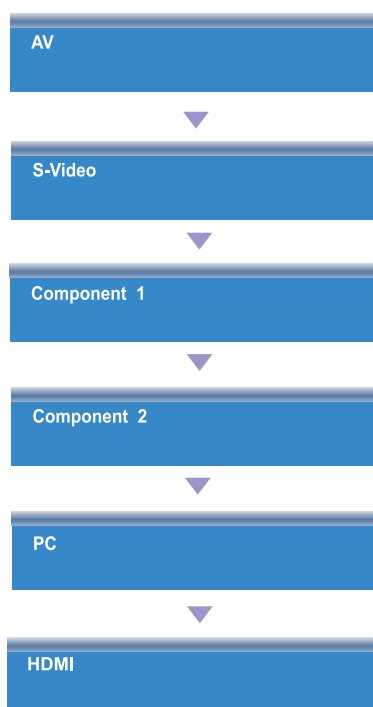
# Remote control Functions Chart

**❶ POWER ⏻**
Turns the TV on and off.

**❷ ANTENNA**
Press to select "AIR" or "CABLE".

**❸ GUIDE**
Press to display he on-screen Electronic Program Guide (EPG).

**❹ -**
Press to select additional channels (digital and analog) being broadcast by the same station. For example, to select channel "54-3", press "54", then press "-" and "3".

**❺ MUTE**
Press to temporarily cut off the sound.

**❻ Anynet**
Press the Anynet button to bring up the Anynet menu. Refer to "Anynet AV Owner's Instructions".

**❼ MENU**
Displays the main on-screen menu.

**❽ CH.LIST**
Displays the channel list.

**❾ FAV.CH**
Press to switch to your favorite channels.

**❿ STILL**
Press to stop the action during a particular scene.
Press again to resume normal video.

**⓫ P.SIZE**
Press to change the screen size.

**⓬ DNIe**
Press to improve the digital video quality.

**⓭ SRS**
Selects TruSurround XT mode.

**⓮ SET**
Adjusts 5 separate devices - TV, VCR, CABLE, DVD or Samsung Set-top box.

**⓯ MODE**
Selects a target device to be con trolled by the Samsung remote control (TV, VCR, CABLE, DVD or Samsung Set-top box)
Press to make sure that the TV LED, STB LED, VCR LED, CATV LED, or DVD LED is illuminated.

**⓰ NUMERIC BUTTONS**
Press to change the channel.
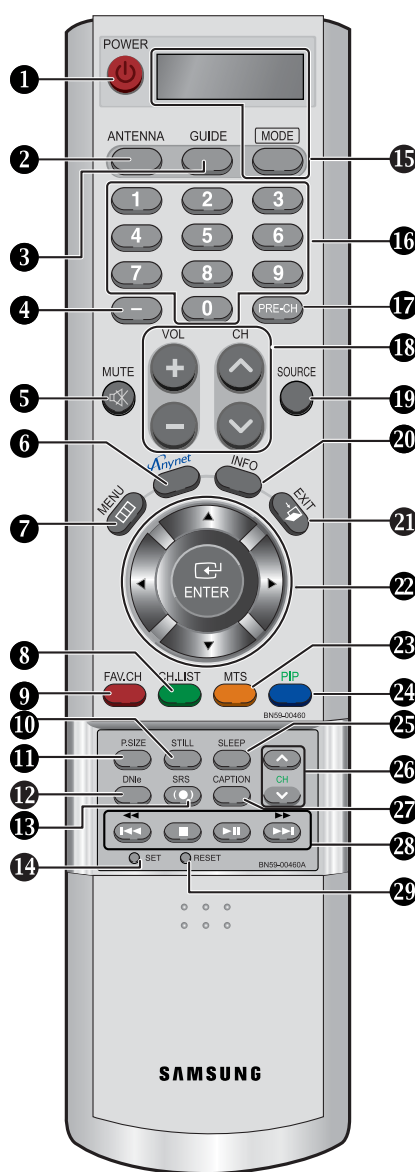
**⓱ PRE-CH**
Tunes to the previous channel.

**⓲ CH⌃ and CH⌄ (Channel UP/Down)**
Press CH⌃ or CH⌄ to change channels.
**VOL + and VOL -**
Press to increase or decrease the volume.

**⓳ SOURCE**
Press to display all of the available video sources.

**⓴ INFO**
Use to see information on the current broadcast.

**㉑ EXIT**
Press to exit the menu.

**㉒ UP / DOWN / LEFT / RIGHT / ENTER**
Use to select on-screen menu items and change menu values.

**㉓ MTS**
Press to choose stereo, mono or Separate Audio Program (SAP broadcast).

**㉔ PIP**
Picture-in-Picture ON/OFF.

**㉕ SLEEP**
Press to select a time for the TV to turn off automatically.

**㉖ ⌃ CH ⌄**
Displays the available channels in sequence.
(These buttons change channels in the PIP window only.)

**㉗ CAPTION**
Controls the caption decoder.

**㉘ VCR/DVD Functions (Only Anynet mode)**
- Rewind
- Stop
- Play/Pause
- Rast/Forward

**㉙ RESET**
When your remote does not work, change the batteries and press the Reset button for 2-3 seconds before use.

✎ **Note: If you are trying to program this remote to use another manufacturer's DVD, VCR or Cable box, see page 31 of the owner's manual.**

# FAQ

### Note

**Check the following items before calling a Samsung authorized service center.**

**If a still image is displayed for an extended period of time, residual images or blurring may appear.**

When you need to leave the TV unused for an extended period of time, adjust the settings so that the TV automatically goes into energy saving mode or activates the screen saver to display moving images.

**Remote control malfunctions**

Replace the remote control batteries.
Clean the upper edge of the remote control (transmission window).
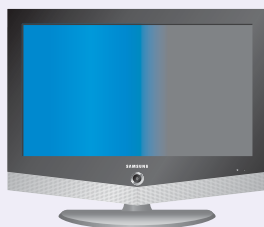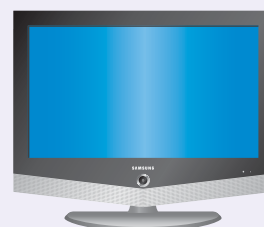Check the battery terminals.

**Image is not centered on the screen.**

Adjust the horizontal and vertical position. The screen position must be adjusted on the output source (i.e. STB) with a digital signal.

**No picture or sound.**

Try another channel.
Press the SOURCE button.
Make sure the TV is plugged in.
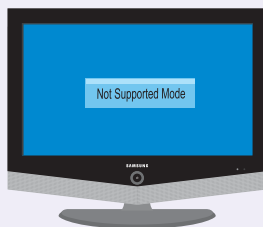Check the antenna connections.

**No sound or sound is too low at maximum volume.**

First, check the volume of units connected to your TV (digital broadcasting receiver, DTV, DVD, cable broadcasting receiver, VCR, etc.). Then, adjust the TV volume accordingly.

**Poor picture**

Try another channel.
Adjust the antenna.
Check all wire connections.

**"Not Supported Mode" message.**

Not Supported Mode

Check the maximum resolution and the frequency of the Video Adapter. Compare these values with the data in the Display Modes.

**Image is not stable and may appear to vibrate.**

If the setting is not correct, use your computer utility program to change the display settings.